

OFFICES AND ARCHIVE OVER SPUTUM AND CONFERENCE HALL

BILL OF QUANTITIES

S/N	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
1	ALTERATION				
	Information				
	The contractor is advised to visit the site and access the nature and extent of demolition work to be executed				
	Alteration and demolition of parts of existing structures and other associated works.				
	The contractor should however refer to the various architectural and structural details in relation to this section of work for the nature of detailed content of the work to be executed				
A	Carefully demolish trees around, redirect existing services if necessary, remove all existing roof elements, to include frames, doors, windows, dispose and carefully cart away. Make good all works disturbed		item		
B	Allow for additional works in this section		item		
	ALTERATION CARRIED TO SUMMARY				

SUBSTRUCTURE					
Information					
	This work in this section comprises of excavations,levelling and compactions to support existing floor and introduction to support decks, upper floors and other ancilliary works				
	Excavation				
A	Excavate foundation pits for pad foundations not exceeding 600mm width , maxmum depth, not exceeding 600mm starting at stripped level	4	m3		
B	Back and remove previously excavated materials to site	4	m3		
	Surface Treatment				
C	Level and compact bottom of excavation to receive concrete	6	m2		
	Concrete work				
D	Plain in-situ concrete { 1:4:8 } binding not exceeding 50mm thick in : foundations, under pad footings	1	m3		
E	Vibrated reinforced in-situ concrete { 1:2:4- 19mm aggregate} filled into formwork and well packed around reinforcement measured seperately in; Pad footings 600mm deep	1			
	Support				
F	High yeild foundation support in form cleave or gutted plates fabricated to support existing foundation footings at 2m intervals	24	nos		
	Reinforcement				
G	High yeild reinforcement to BS4449 in straight and bent bars cut to length including hooks spacers distance blocks tying wires, welding to threaded nuts to receive structural steelUB Columns measured seperately 10 - 16mm diametre	90	kg		
H	BRC mesh ref A -142 to slab according to the structural Engineers specifications	19	m2		
	Sawn formwork to;				
I	Edges of footings not exceeding 600mm deep	6	m2		
J	Protect all works in this element		item		
SUBSTRUCTURE CARRIED TO SUMMARY					

FRAMES, UPPER FLOORS AND STAIRCASES					
	Information				
	Reference is made to Architects drawing for details and work description required in this section				
	Concrete work				
	Vibrated reinforced in- situ concrete { 1:2:4 - 19mm aggregate } filled into formwork and well packed around reinforcement measured seperately in:				
A	Floor slabs, 50mm thick	9			
	Vibrated reinforced precast concrete {1: 2 :4 - 19mm aggregate} well packed around BRC mesh reinforcement measured seperately in;				
B	Steps 50mm thick	1			
	Reinforcement				
C	BRC mesh to upper floor slab, according to the structural engineers specifications	134			
D	Ditto to precast step slabs	16			
	Structural Steel Frames, Upper floor and Staircase				
E	Steel metal deck plate welded to structural steel frames receive concrete slab, according to the structural engineers specifications	144			
	Unfabricated Steel work				
F	Allow for the fabrication and installation of weldable structural steel frames and staircase to BS4360 including necessary specified Universal beams, L Angles, steel plates and bolts etc, cut to length and primed with anti corrosion primers, to wall support frame, staircase and handrails, according to the architects instructions		sum		
G	Protect all works in this element		item		
	FRAMES, UPPER FLOORS AND STAIRCASES CARRIED TO SUMMARY				

	WALL				
	Information				
	Reference is made to the following;				
	Architects location Drawings for details and description of work required in this section.				
	Panel Walls				
A	50mm thick sandwich cold room pallet sourced from Vitapur Nigeria Limited equally approved complete with necessary installation interlocks and accessories, fixed according to the architects instructions	278	m2		
	50mm thick panel walls, 2.5m high				
B	Protect all works in this element		item		
	WALL CARRIED SUMMARY				

ROOF					
	Information				
	Reference is made to the following;				
	Architects location Drawings for details and description of work required in this section.				
	Roof carcass				
A	Allow for the fabrication and installation of steel roof carcass, including necessary specified L Angles plates, bolts etc, well wedged, cut to length, primed with anti corrosion primers, to receive longspan aluminium covering attached above support frame with attached fascia board to receive aluminium roof fascia as directed		sum		
	Covering				
	Approved longspan corrugated aluminium otherwise approved roofing sheets fixed to purlins with necessary accessories including drive screws and bolts, nut washers and bituminous sealers all in accordance with manufacturers printed instructions				
B	0.55mm thick roofing sheets	220	m2		
C	0.55mm thick ridge 300mm girth	39	m		
D	Allow for aluminium roof gutter system, connected to attached PVC pipes according to the architects specifications		sum		
E	Protect all works in this element		item		
	ROOF CARRIED TO SUMMARY				

FINISHES					
	Information				
	Reference is made to the following;				
	Architects location Drawings for details and description of work required in this section.				
	Floor Finishes				
	Approved 10mm thick fully vitrified floor tiles finish laid to approved pattern fixed with tile adhesives but jointed and pointed in matching grout, laid on screeded bed{ tile cost 3500 per m2},screed measured seperately				
A	Floors	210	m2		
B	42mm cement and screeded bed {1:3}	210	m2		
	Floors				
	Ceiling Finishes				
	Supply and install approved 600mm x 600mm suspended mineral fibre boards fixed to galvanized steel knoggings				
C	Ceilings { upper floor} and{ ground floor} customer care and data	360	m2		
D	stainless steel or otherwise approved handrails to staircase and external balcony areas to architects specification	15	m		
E	Allow a provisional sum for additional works to the following finshing items		sum		
F	Protect all works in the element		item		
	FINISHINGS CARRIED TO SUMMARY				

WINDOWS AND DOORS					
	Information				
	Reference is made to the following;				
	Architects location Drawings for details and description of work required in this section.				
	Windows				
	Tower Economy sliding Aluminium powdered coated approved window with 6mm clear glass and flyscreen complete with all iron mongery assembled and fixed				
A	1500mm x 1200mm high	6	nos		
B	1800mm x 1200mm high	10	nos		
C	900mm x 1200mm high	1	nos		
D	600mm x 700mm high	6	nos		
	Approved burglar proofz screens to window openings consisting of 25 x 25 x 20mm metalbar sections pipe at 150mm centres vertically and horizontally welded together and coated with same specified above aluminium profile infused to window frame to suit opening as directed by Architect;				
E	Allow a provisional sum for fabrication and installation of burglars to windows		sum		
	Doors				
	Supply and fix American Panel flush Doors of superior quality with woodlike finish complete with approved frames, architraves, and set of necessary iron mongery obtained from approved suppliers				
F	900mm x 2100mm high	4	nos		
G	1200mm x 2100mm high	2	nos		
H	750mm x 2100 mm high	8	nos		
I	1200mm x 2100mm high tower aluminium sliding glazed door}	2	nos		
J	750mm x 2100mm high { finger print sensor wooden access door	2	nos		
K	Protect all works in this element		item		
	WINDOWS AND DOORS CARRIED TO SUMMARY				

ENGINEERING SERVICES					
	Information				
	Reference is made to the following;				
	Architects location Drawings for details and description of work required in this section.				
	Mechanical Engineering Installations				
	Pipeworks				
	Allow for the sum for plumbing pipeworks installations				
	Supply and fix the following set of sanitary appliances and accessories including all necessary mixer taps, joints to existing hot and cold water supply and existing discharge pipes;				
A	Full Pedestal wash hand basin, complete with tap, waste and accessories	3	nos		
B	Towel Rail	3	nos		
C	Closed couple water closet system complete with Pan connector and hand shower	6	nos		
	Bench				
D	Double bowl kitchen sink complete with chrome taps, bottle traps and accessories infused into well polished HDF wooden cabinet 1.8m long and finishing height 1m to the granite top in the collection room	1	nos		
	Electrical Engineering Installations				
E	Allow a Provisional sum for the supply and installation of pipe works of PVC Conduit or surface,inclusive of wiring, Earth conduiting system,change over switches, distribution boards inclusive of breaker, sockets and switches, lightning fittings, fire alarm systems, cctv where applicable etc		sum		
F	Protect all works in this element				
	ENGINEERING SERVICES CARRIED TO SUMMARY				

SUMMARY					
	Alteration				
	Substructure				
	Frames, Upper floor and Staircases				
	Walls				
	Roof				
	Finishings				
	Windows and Doors				
	Engineering services				
	TOTAL{ CARRIED TO GENERAL SUMMARY}				